

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

JC698 U.S. PTO  
01/17/02100-04918  
01/17/02

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. M5920.0000/P000

First Inventor Yoshiharu Maeno

Title OPTICAL NETWORK ELEMENTS HAVING, etc.

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27

3.  Specification [Total Pages 34]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 13]

5. Oath or Declaration [Total Pages 1]

- a.  Newly executed (original or copy)

- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

6.  Application Data Sheet See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

24998

 Correspondence address below

Name DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP

Address 2101 L Street NW

City Washington State DC Zip Code 20037-1526

Country US Telephone (202) 785-9700 Fax (202) 887-0689

Name (Print/Type) Mark J. Thronson Registration No. (Attorney/Agent) 33,082

Signature

Date January 17, 2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>FEE TRANSMITTAL</h1> <h2>for FY 2002</h2> <p><i>Patent fees are subject to annual revision.</i></p>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Yoshiharu Maeno</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Group Art Unit</td> <td>N/A</td> </tr> <tr> <td>Attorney Docket No.</td> <td>M5920.0000/P000</td> </tr> </table>				Application Number	Not Yet Assigned	Filing Date	Herewith	First Named Inventor	Yoshiharu Maeno	Examiner Name	Not Yet Assigned	Group Art Unit	N/A	Attorney Docket No.	M5920.0000/P000																																																																																																																																																																														
Application Number	Not Yet Assigned																																																																																																																																																																																														
Filing Date	Herewith																																																																																																																																																																																														
First Named Inventor	Yoshiharu Maeno																																																																																																																																																																																														
Examiner Name	Not Yet Assigned																																																																																																																																																																																														
Group Art Unit	N/A																																																																																																																																																																																														
Attorney Docket No.	M5920.0000/P000																																																																																																																																																																																														
<input type="checkbox"/> Application claims small entity status See 37 CFR 1.27																																																																																																																																																																																															
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ 1,206.00)																																																																																																																																																																																															
<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEE CALCULATION</b> (continued)																																																																																																																																																																																													
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account		<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Large Entity</th> <th style="width: 25%;">Small Entity</th> <th colspan="3">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6" style="text-align: center;">Other fee (specify) _____</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description			Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			105	130	205	65	Surcharge – late filing fee or oath		127	50	227	25	Surcharge – late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____					
Large Entity	Small Entity	Fee Description			Fee Paid																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																												
105	130	205	65	Surcharge – late filing fee or oath																																																																																																																																																																																											
127	50	227	25	Surcharge – late provisional filing fee or cover sheet																																																																																																																																																																																											
139	130	139	130	Non-English specification																																																																																																																																																																																											
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																											
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																											
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																											
115	110	215	55	Extension for reply within first month																																																																																																																																																																																											
116	400	216	200	Extension for reply within second month																																																																																																																																																																																											
117	920	217	460	Extension for reply within third month																																																																																																																																																																																											
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																											
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																											
119	320	219	160	Notice of Appeal																																																																																																																																																																																											
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																											
121	280	221	140	Request for oral hearing																																																																																																																																																																																											
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																											
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																											
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																											
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																											
143	460	243	230	Design issue fee																																																																																																																																																																																											
144	620	244	310	Plant issue fee																																																																																																																																																																																											
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																											
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																											
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																											
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																										
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																											
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																											
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																											
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																											
Other fee (specify) _____																																																																																																																																																																																															
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b> (\$ 40.00)																																																																																																																																																																																													
<small>**or number previously paid, if greater; For Reissues, see above</small>																																																																																																																																																																																															
<b>SUBMITTED BY</b>																																																																																																																																																																																															
Name (Print/Type) <u>Mark J. Thronson</u>		Registration No. (Attorney/Agent) <u>33,082</u>		Complete (if applicable) Telephone <u>(202) 775-4742</u>																																																																																																																																																																																											
Signature <u>mark J. Thronson</u>				Date <u>January 17, 2002</u>																																																																																																																																																																																											